

Amendments to the Claims

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The listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims

1. (Currently Amended) A process for the stimulation of production of extracellular
2 dermal matrix proteins in human tissue which comprises simultaneously delivering to said
3 tissue ultrasound and electrical energy in an amount sufficient for the stimulation of
4 production of extracellular dermal matrix proteins in human tissue;

5 wherein a current of said electrical energy is about 100 microamps; and
6 wherein said ultrasound is provided at a frequency in a range of about 1 to about 4
7 megahertz.

1 2. (Original) A process according to claim 1 wherein said electrical energy is a low
2 energy micro-amperage sufficient to stimulate the production of polypeptide collagen and
3 said ultrasound is such that a mechanical pressure gradient is created in the cells that
4 produces specific resilient collagen and elastin.

1 3. (Original) A process according to claim 2 wherein the wave form of said
2 electrical energy is composed of a twin-peaked, unidirectional, capacitors-discharged, high
3 potent wave form with low energy.